

Application No.: 10/537,027  
Atty. Docket: 22409-00009-US1

Response to Action  
dated February 23, 2007

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### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior version, and listings, of claims in the application:

#### Listing of Claims:

1. (Currently Amended) A system for performing ~~one or more tests~~ a test on a hearing prosthesis implanted in a recipient, ~~the system being usable at least in part by the recipient of the prosthesis, the system comprising:~~

a testing computer that comprising a processor configured to process processes software instructions and to output ~~outputs~~ signals in response to said processed software instructions;

a prosthesis interface means that provides configured to transfer of said outputted signals from said testing computer to the hearing prosthesis and/or from the prosthesis to the computer interfaced with said testing computer; and

an interface a recipient interface that allows configured to receive a control input from the recipient of the hearing prosthesis ~~to at least partially control at least some aspect of the tests performed on the prosthesis that is interfaced with the computer and to cause said processor to perform said test in response to said control input.~~

2-4. (Cancelled)

5. (Currently Amended) The system of ~~claim 3~~ claim 1, wherein ~~the said testing computer is operable further configured to store result data of said test results of the tests for later assessment.~~

6-7. (Cancelled)

8. (Currently Amended) The system of ~~claim 6~~ claim 1, wherein ~~the said testing computer is operable further configured to store results of the result data of said test tests on a storage medium means for forwarding to the clinician of the recipient.~~

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9. (Currently Amended) The system of ~~claim 8~~ claim 8, wherein ~~the said storage medium is disposed means~~ is in the hearing prosthesis.
10. (Currently Amended) The system of ~~claim 9~~ claim 8, wherein ~~the said storage medium means is a portable storage medium, means, to be physically forwarded to the clinician of the recipient.~~ the said storage medium means is a portable storage medium.
11. (Cancelled)
12. (Currently Amended) The system of claim 1, wherein ~~the said testing computer is operable further configured to obtain said software instructions from the hearing prosthesis.~~ the said testing computer is operable further configured to obtain said software instructions from the hearing prosthesis.
13. (Currently Amended) The system of claim 1, wherein ~~the said testing computer is operable further configured to deliver results of said the test at least one test electronically to a clinician computer of a clinician of the recipient.~~ the said testing computer is operable further configured to deliver results of said the test at least one test electronically to a clinician computer.
14. (Currently Amended) The system of claim 13, wherein ~~the said testing computer is configured to electronically deliver said test result data to the clinician computer via electronic delivery is provided by the Internet.~~ the said testing computer is configured to electronically deliver said test result data to the clinician computer via electronic delivery.
- 15-83. (Cancelled)
84. (New) The system of claim 1, wherein said recipient interface comprises an input interface configured to receive said control input.
85. (New) The system of claim 1, wherein said software instructions are configured using a clinician graphical user interface.

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86. (New) The system of claim 85, wherein said software instructions are configured by a clinician prior to said test.

87. (New) The system of claim 86, wherein said clinical graphical user interface is configured to operate on a clinician computer comprising a clinician computer processor configured to process said software instructions.

88. (New) The system of claim 84, wherein said preconfigured software instructions are generated in response to results from said test on the hearing prosthesis.

89. (New) The system of claim 84, wherein said preconfigured software instructions are modified in response to results from said test on the hearing prosthesis.

90. (New) The system of claim 84, wherein said input interface comprises a recipient graphical user interface.

91. (New) The system of claim 84, wherein said input interface comprises a custom user input device.

92. (New) The system of claim 84, wherein said input interface is configured to cause said processor to respond to said control input.

93. (New) The system of claim 92, wherein said input interface is configured to cause said processor to commence said test upon receiving said control input.

94. (New) The system of claim 92, wherein said input interface is configured to cause said processor to discontinue said test upon receiving said control input.

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95. (New) The system of claim 1, wherein said prosthesis interface is an external port on said testing computer.

96. (New) The system of claim 95, further comprising a cable configured to be connected to said prosthesis interface and the hearing prosthesis.

97. (New) The system of claim 87, wherein said clinician computer is further configured to cause said processor to initiate said test such that said testing computer performs said test upon said initiation.

98. (New) The system of claim 87, wherein said clinician computer is further configured to cause said processor to perform said test by processing said software instructions and communicating with the hearing prosthesis via said testing computer.

99. (New) A method for performing a test on a hearing prosthesis implanted in a recipient with a recipient-controlled system operationally coupled to the hearing prosthesis, the method comprising:

receiving, at a recipient interface of the system, test control inputs provided by the recipient; and

performing, by the system, a test on the hearing prosthesis in response to said test recipient-provided control inputs.

100. (New) The method of claim 99, wherein the method further comprises:

storing result data of the test for later assessment by a clinician.

101. (New) The method of claim 100, wherein the method further comprises:

storing said test on a testing computer-readable storage medium.

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102. (New) The method of claim 101, wherein said storage medium is disposed in the hearing prosthesis.
103. (New) The method of claim 101, wherein said storage medium is a portable storage medium.
104. (New) The method of claim 100, wherein the method further comprises:  
electronically delivering result data of the test to a clinician computer.
105. (New) The method of claim 104, wherein the method further comprises:  
electronically delivering result data of the test to a clinician computer via the Internet.
106. (New) The method of claim 99, wherein said recipient interface comprises an input interface configured to cause a processor to receive said control input.
107. (New) The method of claim 99, wherein software instructions for said test are configured using a clinician graphical user interface.
108. (New) The system of claim 107, wherein said software instructions are configured by a clinician prior to said test.
109. (New) The system of claim 108, wherein said clinical graphical user interface is configured to operate on a clinician computer comprising a clinician computer processor configured to process said software instructions.
110. (New) The system of claim 106, wherein said software instructions are generated in response to results from said test on the hearing prosthesis.

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111. (New) The system of claim 106, wherein said software instructions are modified in response to results from said test on the hearing prosthesis.
112. (New) The system of claim 106, wherein said input interface comprises a recipient graphical user interface.
113. (New) The system of claim 106, wherein said input interface comprises a custom user input device.
114. (New) The system of claim 106, wherein said input interface is configured to cause said processor to respond to said control input.
115. (New) The system of claim 114, wherein said input interface is configured to cause said processor to commence said test upon receiving said control input.
116. (New) The system of claim 114, wherein said input interface is configured to cause said processor to discontinue said test upon receiving said control input.
117. (New) The system of claim 109, wherein said clinician computer is further configured to cause said processor to initiate said test such that said testing computer performs said test upon said initiation.
118. (New) The system of claim 109, wherein said clinician computer is further configured to cause said processor to perform said test by processing said software instructions and communicating with the hearing prosthesis via said testing computer.

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119. (New) A computer readable medium comprising program code instructions which, when executed by a recipient-controlled processor-based system, cause the processor to perform a test method on a hearing prosthesis implanted in a recipient and operationally coupled to the system, the method comprising:

receiving, at a recipient interface of the system, test control inputs provided by the recipient; and

performing the test on the hearing prosthesis in response to said test control inputs.

120. (New) The computer readable medium of claim 119, wherein the method further comprises:

storing result data of the test for later assessment by a clinician.

121. (New) The computer readable medium of claim 119, wherein the method further comprises:

storing result data of said test on a storage medium.

122. (New) The computer readable medium of claim 119, wherein the method further comprises:

obtaining said program code instructions from the hearing prosthesis.

123. (New) The computer readable medium of claim 119, wherein the method further comprises:

delivering at least one result data of the test electronically to a clinician computer.

124. (New) The computer readable medium of claim 119, wherein said recipient interface comprises an input interface configured to cause said processor to receive said control input.

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125. (New) The computer readable medium of claim 119, wherein software instructions for said test are configured using a clinician graphical user interface configured to operate on a clinician computer comprising a clinician computer processor configured to process said software instructions.
126. (New) The computer readable medium of claim 124, wherein said software instructions are generated in response to results from said test on the hearing prosthesis.
127. (New) The computer readable medium of claim 124, wherein said software instructions are modified in response to results from said test on the hearing prosthesis.
128. (New) The computer readable medium of claim 124, wherein said input interface is configured to cause said processor to respond to said control input.
129. (New) The computer readable medium of claim 125, wherein said clinician computer is further configured to cause said processor to initiate said test such that said testing computer performs said test upon said initiation.
130. (New) The computer readable medium of claim 125, wherein said clinician computer is further configured to cause said processor to perform said test by processing said software instructions and communicating with the hearing prosthesis via said testing computer.
131. (New) A system for performing at least one test on a hearing prosthesis implanted in a recipient with a recipient-controlled system operationally coupled to the hearing prosthesis comprising:
- means for receiving, at a recipient interface of the system, test control inputs provided by the recipient; and
  - means for performing, by the system, said at least one test on the hearing prosthesis in response to said test control inputs.



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132. (New) The system of claim 131, further comprising:  
means for storing result data of said at least one test on a storage medium.
133. (New) The system of claim 132, wherein said storage medium is in the hearing prosthesis.
134. (New) The system of claim 131, further configured to obtain said program code instructions from the hearing prosthesis.
135. (New) The system of claim 131, wherein said recipient interface comprises an input interface configured to receive said control input.
136. (New) The system of claim 135, wherein said input interface is configured to cause a processor to respond to said control input.
137. (New) The system of claim 131, wherein a clinician computer is configured to process said software instructions, and is further configured to initiate said test such that said testing computer performs said test upon said initiation.
138. (New) The system of claim 131, wherein a clinician computer is configured to process said software instructions further configured perform said test by processing said software instructions and communicating with the hearing prosthesis via said testing computer.